

### **Abstract**

A cell culture growth media free of Fetal Bovine Serum for use with parasitic organisms. The media includes calcium chloride, sodium bicarbonate, potassium chloride, sodium chloride, monosodium phosphate, glucose, hepes, ferric nitrate, magnesium sulfate, tricine, d-ribose, 2-deoxy ribose, adenosine-5-triphosphate (ATP), 2-deoxyadenylic acid (d-AMP), 5'-thymidylic acid (TMP), 2'-deoxycytidine-5 monophosphate (d, 2'-deoxyuridine-5-monophosphate (d, 2'-deoxyguanylic Acid (d-GMP), aspartic acid, glutamic acid, l-alanine, arginine, carnosine, cysteine, cystine, glutamine, glycine, histidine, iso-leucine, leucine, lysine, methionine, ornithine, phenylalanine, proline, serine, threonine, tryptophan, tyrosine, valine, ascorbic acid, biotine (H), carnitine, cholecalciferol, choline chloride, cyanocobalamine (B<sub>12</sub>), ergocalciferol, folic acid, myo-inositol, menadione, nicotinamide, PABA, panthotenato, pyridoxal, pyridoxamine, pyridoxine, retinol (A), riboflavine (B<sub>2</sub>), Thiamine (B<sub>1</sub>), 6,8 Thiotic acid, alfa-tocoferol, 3-phytylmenadione (K<sub>1</sub>), tetrahydrofolic acid, hemin from procine, and nanopure water.